

QUALITY ASSURANCE PROVISIONS

C-321: SPECIFICATION

NSN: 9G 1560 00-915-7385

P/N: (78286) 65202-07042-102

NOMEN: Fitting, Side Brace, Intermediate Gear-Box

Articles to be furnished hereunder shall be manufactured, tested and inspected in accordance with drawing number (78286) 65202-07042-102 Rev. "L", or latest revision and all details and specifications referenced therein.

I. Quality/Inspection Requirements

- A. MIL-I-45208 or ISO 9000 equivalent applies:
- B. First Article Testing applies:
- C. Mandatory Inspection applies: Refer to contract section C.
- D. Production Lot Testing Applies

II. Supplemental Requirements

- A. Additionally, para. 3.1-3.5, 5.1-5.2, 6.1-6.2 of MIL-Q-9858 or ISO 9000 equivalent apply.
- B. The contractor shall identify on the process/operation sheets all manufacturing sources performing processes/operations outside of their facilities. These sheets shall not be revised or altered after the successful completion of First Article and/or Production Lot Testing without approval from the Engineering Support Activity (ESA), via the PCO.
- C. The Inspection Method Sheets which list the characteristics of each item produced under the contract shall have serial number traceability to the raw material, casting, or forging. In addition, the contractor is responsible for providing completed inspection method sheets showing the actual dimensions taken
- D. Markings should be in accordance with MIL-STD-130 Rev. "H" paragraph 5.3.3(a), (b), (c), and (g). Method and location shall be in accordance with the drawing.

III. Mandatory Inspection Requirements

During production, mandatory inspection is required to be accomplished by the contractor, as follows:

- A. Level of Inspection (LOI):

- 1) Critical Characteristics: 100% inspection shall apply.
- 2) Major and Minor Characteristics - LOI shall be in accordance with a sampling plan acceptable to the QAR.

B. Critical Characteristics:

DRAWING: (78286) 65202-07042-102 REV. "L"

There are no dimensions that fall under the definition of Critical Characteristics.
(Shall be defined as below, unless defined by the prime contractor in this case Sikorsky Acft.)

- a. Diametrical and linear dimensions having a total tolerance of .001 or less.
 - b. Surface finishes having a 16 value or less.
 - c. Any geometric feature control requirement with a total tolerance range of 0.002 or less.
 - d. Angular tolerances with a total range less than 1 degree.
 - e. Threads specified to class 3 or greater
- 100% inspection I/A/W drawing requirements apply.

C. Major and Minor Characteristics:

- 1) Shall be defined by the contractor subject to QAR concurrence, unless defined on applicable drawings and associated specifications.

IV. Unless expressly provided for elsewhere in this Clause, equipment such as fixtures, jigs, dies, patterns, templates, mylars, special tooling, test equipment, or any other manufacturing aid required for the manufacture and/or testing of the subject items will not be provided by the Government or any other source and is the sole responsibility of the Government or any other source and is the sole responsibility of the contractor. The foregoing applies notwithstanding any reference to such equipment or the furnishing thereof that may be contained in any drawing.

CONTRACT DATA REQUIREMENTS LIST

(2 Data Items)

FORM APPROVED
OMB NO. 0704-0188

PUBLIC REPORTING BURDEN FOR THIS COLLECTION OF INFORMATION IS ESTIMATED TO AVERAGE 440 HOURS PER RESPONSE, INCLUDING THE TIME FOR REVIEWING INSTRUCTIONS, SEARCHING EXISTING DATA SOURCES, GATHERING AND MAINTAINING THE DATA NEEDED AND COMPLETING AND REVIEWING THE COLLECTION OF INFORMATION. SEND COMMENTS REGARDING THIS BURDEN ESTIMATE OR ANY OTHER ASPECT OF THIS COLLECTION OF INFORMATION, INCLUDING SUGGESTIONS FOR REDUCING THIS BURDEN TO DEPT. OF DEFENSE, WASHINGTON HEADQUARTERS SERVICES, DIRECTORATE FOR INFORMATION OPERATIONS AND REPORTS, 1215 JEFFERSON DAVIS HWY., SUITE 1204, ARLINGTON, VA. 22202-4302. AND TO THE OFFICE OF MANAGEMENT AND BUDGET, PAPERWORK REDUCTION PROJECT (0704-0188), WASH. DC 20503. PLEASE DO NOT RETURN YOUR FORM TO EITHER OF THESE ADDRESSES. SEND COMPLETED FORM TO THE GOVERNMENT ISSUING CONTRACTING OFFICER FOR THE CONTRACT / PR NO. LISTED IN BLOCK E.

A. CONTRACT LINE ITEM NO.		B. EXHIBIT		C. CATEGORY: TDP TM OTHER	
D. SYSTEM/ITEM 9G 1560 00-915-7385		E. CONTRACT/ PR. NO.		F. CONTRACTOR	
1. DATA ITEM NO. 1	2. TITLE OF DATA ITEM CERTIFICATION DATA REPORT			3. SUBTITLE COMPLETE PROCESS OF SHEETS	
4. AUTHORITY (Data acquisition document No.) DI-MISC-80678/T1		5. CONTRACT REFERENCE		6. REQUIRING OFFICE DEFENSE SUPPLY CENTER RICHMOND	
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED	10. FREQUENCY AS REQ	12. DATE OF FIRST SUBMISSION SEE BLOCK #16	14. DISTRIBUTION	
8. APP CODE A		11. AS OF DATE AS REQ	13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK #15	a. ADDRESSEE	b. COPIES Draft Final Reg Repro
16. REMARKS PARA. 10.1, 10.2, 10.2.1, 10.2.2, 10.2.4, 10.2.5 SHALL APPLY * UPON SUBMISSION OF FIRST ARTICLE/ PRODUCTION LOT TEST SAMPLE (s) ** IF PROCESS OPERATION SHEETS CHANGE AFTER SUCCESSFUL COMPLETION OF FAT/PLT.				DCMC / ACO	* 1/0
				DCMC / QAR	** 1/0
				PCO	1/0
1. DATA ITEM NO. 2	2. TITLE OF DATA ITEM CERTIFICATION DATA REPORT			3. SUBTITLE COMPLETE INSPECTION METHOD SHEETS	
4. AUTHORITY (Data acquisition document No.) DI-MISC-80678/T2		5. CONTRACT REFERENCE		6. REQUIRING OFFICE DEFENSE SUPPLY CENTER RICHMOND	
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED	10. FREQUENCY AS REQ	12. DATE OF FIRST SUBMISSION SEE BLOCK #16	14. DISTRIBUTION	
8. APP CODE A		11. AS OF DATE AS REQ	13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK #16	a. ADDRESSEE	b. COPIES Draft Final Reg Repro
16. REMARKS PARA. 10.1, 10.2, 10.2.1, 10.2.2, 10.2.4, 10.5 SHALL APPLY * UPON SUBMISSION OF FIRST ARTICLE / PRODUCTION LOT TEST SAMPLE (s) ** AT TIME OF CONTRACT COMPLETION.				DCMC / ACO	* 1/0
				DCMC / QAR	** 1/0
				PCO	1/0
G. PREPARED BY John D. Leighty		H. DATE		I. APPROVED BY John D. Leighty	
				J. DATE	

Form Approved
OMB No. 0704-0188

(1 Data Item)
Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0158), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer of the Contract P/R No. listed in Block E.

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TOP _____ TM _____ OTHER _____	
D. SYSTEM/ITEM 9G 1560 00-915-7385	E. CONTRACT/PR	F. CONTRACTOR	

1. DATA ITEM	2. TITLE OF DATA ITEM	3. SUBTITLE
5	CERTIFICATION DATA / REPORTS	
		4. REQUESTING OFFICE

4. AUTHORITY (Data Acquisition) DI-MISC-80678/T3	5. CONTRACT REFERENCE	6. REQUIRING OFFICE DEFENSE SUPPLY CENTER RICHMOND
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7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED	10. FREQUENCY AS REQ	12. DATE OF FIRST SUBMISSION SEE BLOCK 16*	14. DISTRIBUTION			
8. APP CODE A		11. AS OF DATE AS REQ	13. DATE IF SUBSEQUENT SEE BLOCK 16*	a. ADDRESSEE	b. COPIES	Final	
						Draft	Reg

PARA. 10.1,10.2,10.2.1,10.2.2,10.2.4,10.5 APPLY

BLOCK#12 -UPON SUBMITTAL OF FIRST ARTICLE SAMPLE (S)
AND/OR PRODUCTION LOT SAMPLE.

BLOCK #3-SEPERATE REPORTS SHALL BE PROVIDED FOR THE BELOW LISTED SUB TTILES. CERTIFICATION REPORTS FOR PRIME PROCESS AND MATERIAL SPECIFICATIONS SHALL INCLUDE CERTIFICATION THAT ALL VENDORS PREFORMING THESE PROCESSES ARE PRIME (OEM) (78286) SIKORSKY ACFT. APPROVED SOURCES.

BLOCK #5 - CONTRACT REFERENCE: P/N: 65202-07042-102

Material 7075-T73 per Mil-A-22771 65202-07022-007 forging

Anodise per Mil-A-

These certifications are required at time of First Article/Production lot testing or Contract completion if testing is waived.

[illegible]

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
<i>John D. Leighty</i>		<i>John D. Leighty</i>	